

What is claimed is:

1. A resistor comprising;
a substrate;
5 a pair of electrodes disposed on said substrate; and
a resistor element disposed between said electrode, said resistor element
comprising rectangular sections connected to said pair of electrodes, and a
S-shaped section disposed between said rectangular sections, said S-shaped
section being free of trimmed portion.
10
2. The resistor of claim 1, wherein a width of at least one of said rectangular
sections of said resistor is wider than a width of said S-shaped section.
3. The resistor of claim 1, wherein at least one of said rectangular sections
15 has a trimmed portion.
4. The resistor of claim 1, wherein thickness of said rectangular sections of
said resistor element are twice as thick as said S-shaped section.
- 20 5. The resistor of claim 3, wherein a width of said rectangular section of said
resistor element where the rectangular section extends to said S-shape section is
wider than a width of said S-shaped section.
- 25 6. A method of manufacturing a resistor comprising the steps of;
forming a pair of electrodes on a substrate; and
forming a resistor element between said pair of electrodes, said resistor
element comprising rectangular sections connected to said electrodes and a
S-shaped section disposed between said rectangular sections, said S-shaped
section being free of trimming portion.

09871309.053001

7. The method of manufacturing resistor of claim 6, wherein said resistor element is formed by printing.

- 5 8. The method of manufacturing resistor of claim 6, wherein portion of said rectangular sections is trimmed to adjust a resistance.

09871309-053001